

Office Memorandum • UNITED STATES GOVERNMENT

TO : The Files, Research & Development Branch /EP DATE: 6 February 1956

FROM : Chief, Research & Development Laboratory

SUBJECT: IR Set Modification

1. The purpose of this memorandum is to record action initiated on the basis of verbal arrangements in regard to a recent modification on seven [] Infrared Transceivers.

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2. The IR Transceiver Modification was accomplished on a "Crash" basis in response to a [] request. The objective of this modification was to reduce the size and weight of the unit to an absolute minimum. It was carried out along the same general lines as a previous modification made in July 1955. Briefly, the modification consisted of the following changes and related effort:

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- (a) Removal of the Infrared Viewer.
- (b) Relocation of the Battery Charge Switch.
- (c) Relocation of the Reticle Intensity Control.
- (d) Replacement of the Tripod and Table by a Flat Base Plate.
- (e) Relocation of the Telescopic Sight.
- (f) Minor changes in the package essential to the new dimensions.
- (g) Adjustment of the Battery Charger Cut-Out Limit.
- (h) Field Testing of the Modified Unit.
- (i) Preparation of a Set of Instructions for the revision of the Operator's Handbook.

3. Six of the modified IR Transceivers were delivered to the Receiving Section of STB/SD-OL on 16 January 1956 for forwarding to []. The seventh unit will be retained by the Research & Development Laboratory.

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4. Current laboratory commitments on the modification of the IR Tranceivers have been completed.



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